KODAK INDUSTREX Digital System For Non-Destructive Testing

Support You Can Count On
From set-up and systems training to customer service and technical assistance, our support is worldwide and world class. We provide what you need to get the job done, leaving you free to concentrate on your objectives.

Carestream Health offers a variety of service and support arrangements to meet your critical NDT needs. These services are provided by field engineers around the world.

With a strong commitment to service delivery and technological capability, we focus on you, the customer.

Faster Results
No more 12-minute processing cycles. In about one minute, you can see your results. Use the power of the internet to electronically distribute images from the field to the head office, your colleagues across town, or around the world.

Improved Productivity
KODAK INDUSTREX Flex GP and Flex HR Digital Imaging Plates are reusable, so there's no more film inventory to manage. Their extremely wide dynamic range means fewer retakes. Easy image sharing will speed analysis. And you won't need your processor anymore, so your silver reclamation costs and chemical transportation hassles simply disappear.

Easy Sharing
You can export your images to be viewed on any DICONDE compliant system, as INDUSTREX Systems are fully compliant with ASTM E 2339, "Standard Practice for Digital Imaging and Communication in Nondestructive Evaluation (DICONDE)," ASTM International. A copy of our DICONDE Conformance Statement is available on request.

Benefit for our Planet
Since there are no chemicals to dispose of, this is an ideal system for fieldwork or remote locations. KODAK INDUSTREX Digital Systems provide a great environmental advantage over traditional film radiography.

Non-Destructive Testing (NDT) Applications
KODAK INDUSTREX Products deliver outstanding results in the following applications, and more:

- Aircraft inspection
- Aero-Engines
- Archeological artifacts
- Assemblies
- Castings
- Concrete
- Electrical components
- Composites, fibre-reinforced
- Forensics
- Forestry (tree cores, seeds)
- Munitions, bomb disposal
- Nuclear applications
- Paintings, sculptures
- Pipelines
- Security
- Tires
- Welded fabrication

For More Information
To learn more about the KODAK INDUSTREX Digital Systems For Non-Destructive Testing and other Carestream Health NDT products and solutions, contact a Carestream Health representative at 877-865-6325 ext 714 or visit **www.carestreamhealth.com/go/ndt.**

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Carestream HEALTH

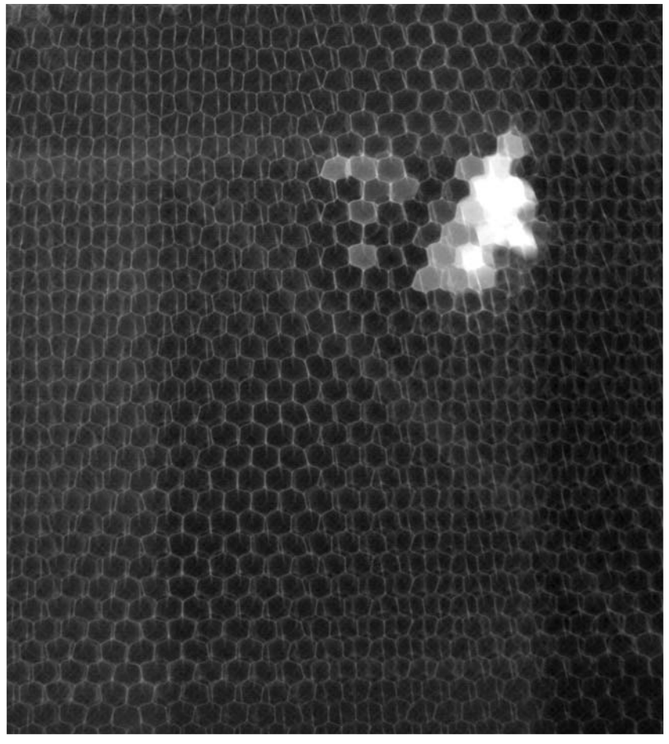
Exclusive manufacturer of **Kodak** INDUSTREX Products

Kodak Industrex Digital Systems
For Non-Destructive Testing

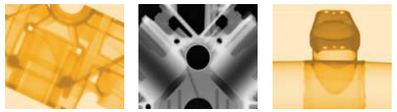
WHEN YOU NEED RESULTS – NOW.

KODAK INDUSTREX Digital System For Non-Destructive Testing

MANY RADIOGRAPHY APPLICATIONS CAN BE DONE BETTER, FASTER, AND MORE ACCURATELY WITH A COMPUTED RADIOGRAPHY (CR) IMAGING SYSTEM. GET RESULTS QUICKER—ALMOST IMMEDIATELY—WITHOUT CHEMICAL PROCESSING. OBTAIN IMAGES THAT REVEAL MORE CRITICAL DETAIL, THANKS TO POWERFUL SOFTWARE TOOLS. USE CR OR SCAN YOUR FILM TO EMAIL OR POST IMAGES TO THE WEB WITHIN MINUTES SO OTHERS CAN SHARE ANALYSIS OR REPORT RESULTS. NO MATTER WHERE YOU ARE IN YOUR TRANSITION TO DIGITAL, THERE'S A KODAK INDUSTREX SYSTEM THAT'S RIGHT FOR YOU.



Moisture damage in a helicopter blade. Subject generously supplied by Sikorsky Aircraft Corporation.



What is Computed Radiography (CR)?

Computed radiography—with photo-stimulated luminescence—is a two-step radiological imaging process. First, a storage phosphor imaging plate is exposed to penetrating radiation. Then the luminescence from the plate's photo-stimulable luminescent phosphor is read, digitized, and viewed on a computer monitor. In a CR system, you use phosphor plates as you would film, but process them in the plate reader. These highly efficient plates can be erased and reused thousands of times, and require less exposure than film.

Better Image Analysis—Better Results

Our CR systems give you high resolution images that allow you to analyze minute details. With a dynamic range ten times that of film, one digital image can show the detail of five different film exposures. Use powerful but simple image-visualization software to selectively enhance an area of interest. Lighten it, darken it, or adjust its contrast to pull out detail that you would never see in a single film image. You can even measure the thickness of the subject.

Ease of Use

- Intuitive MICROSOFT WINDOWS menus and toolbars for quick learning in a familiar environment
- Robust help available for each feature—information at your fingertips when needed
- Keyboard and mouse shortcuts so you can work without using the menus
- Uncluttered workspace for maximum viewing area—show or hide menus for a customized view
- User defined imaging preset filters allow each user to create, save and then apply imaging adjustments to any image, which saves time and increases productivity for repeated image settings like contrast, intensity, and lookup tables
- Simple report generation—allows detailed image reports to be created quickly, including headers, preview images, metadata and audit trail, and DICONDE compliant information

Software Tools

- Calibration tool enables use of linear, density, and thickness measurements, as well as resolution-normalized signal to noise ratio
- Variety of lookup tables to enhance visual display—quickly identifies areas of interest
- Image integration—such as company logo, photographs, techniques and set up information—allows users to capture all necessary data pertaining to image
- Color annotations and measurements so each reviewer's comments can be visualized
- User-defined region of interest provides statistics and image data histogram so you can analyze individual areas separately from the entire image
- Powerful window and leveling tool is simple to use and allows visualization of many densities with simple mouse movements
- User-adjustable magnifying glass with contrast-enhancing "flashlight" aids viewing and interpretation
- Line profile tool enables easy visualization of component profile

Data Integrity

- "Original" tag ensures root image is clearly identified
- Full traceability, even to the plate used, of original image and of each change for an audit trail to root image
- Root image cannot be accidentally overwritten or deleted